

Application Number 10/530533
Response to Office Action dated 02/12/2007

91500 4/14/08
Please amend the paragraph on page 8, lines 31-37 as indicated below:

In a case where the third slits are provided, when the slit plate 23 rotates, the signal (the angle signal) obtained by the third slits becomes, for example, a binary pulse signal having a phase difference of $T/4$ with respect to the signal (S1) obtained by the second slits 20 as illustrated as [[S2]] S3 in FIG. 3. Thereby, a double-phase pulse can be obtained as an angle signal by providing the third slits, thus improving further angle-detecting resolution.